



Chelmsford Amateur Radio Society Newsletter

May Meeting
Tue 4-May-2021, 7:30pm
Online by Zoom

**Further Adventures at
VHF/UHF**
By Tim Kirby GW4VXE

Following our HF talk in April by Don Field, we move up in frequency...

Tim Kirby GW4VXE from Practical Wireless will give a talk on 'Further adventures with your VHF/UHF station'.

Tim is an author for both PW and RadCom and will speak from his own experience on things to try, station setup, antennas etc.



Zoom:

- Quick Link:
<https://us02web.zoom.us/j/82206876272?pwd=Q2RaeHQ1THlvL1IBQjVUVmlyQzUxUT09>
- Meeting ID: 822 0687 6272
- Passcode: 942613

CARS on the Air: GB0MWT last few days of the CARS 85th Anniversary

In this issue:-

Club Diary.....	2	GB0MWT CARS 85 th on the Air.....	6
Club Nets.....	2	International Marconi Day 2021	6
Training & Morse Classes	2	No Marconi in the Daily Mail	7
April Meeting: 50 Years in the Hobby	3	Thurrock Raspberry Pi Beginners Group.....	7
Forthcoming Talks.....	5	Wanted: Volunteers	7
RSGB UK Amateur Radio Survey.....	5		

Club Diary

Tue 4-May-2021	Further Adventures at VHF/UHF – Tim Kirby GW4VXE, PW	Online by Zoom
Tue 8-Jun-2021	A Guide to EMF – John Rogers, M0JAV, RSGB	Online by Zoom
Tue 6-Jul-2021	tbc	Online by Zoom

Club Nets

CARS meets for talks/events on the first Tuesday of the month. The subsequent Tuesdays have club radio nets as follows below and dates listed on our calendar at www.g0mwt.org.uk/main/events/categories/net/ :-

- **2nd Tuesday in the Month – VHF**

The CARS VHF FM Net uses GB3DA from Danbury starting at 8pm (local).

GB3DA is 145.125MHz Input and 145.725MHz Output - and CTCSS-only (110.9Hz), 2min timeout

If for any reason GB3DA is not available then 145.375 Simplex will be used. Vertical aerials are best for this

- **3rd Tuesday in the Month - UHF**

The CARS UHF FM Net uses GB3ER from Danbury and starting at 8pm (local).

GB3ER is 434.675MHz Input and 433.075MHz Output - and is CTCSS-only

Vertical aerials are best.

- **4th Tuesday in the Month - HF**

The CARS 80m Net on "3756kHz" Night, SSB and starting at 8pm (local).

Horizontal aerials are best. The idea is to enable distant CARS Members to join the Net.

- **5th Tuesday in the Month (when there is one!) - MF**

This is the CARS Top Band Net on 1947/1950 kHz +/-QRM, LSB and starting at 8pm (local).

Horizontal aerials are usually used for this Net. A reminder - limit your power to a max of 30 Watts, please.

Training & Morse Classes

If you are interested in the new RSGB online exam or other opportunities, please contact **John O'Connell M0JOC** our training coordinator and Exam Secretary

John can be contacted via training2021@g0mwt.org.uk or 07868-004380

Note: RSGB now have all three levels of exams available via their online exam booking system. It also has new Foundation training videos online at: <http://rsgb.org/foundation-practicals/>

FULL EXAM CHANGES: RSGB is updating its mock exam papers – consider upgrading!

In addition RSGB expects to update the exam syllabus for the forthcoming Ofcom EMF changes

More info and other updates are at: www.g0mwt.org.uk/training

Morse classes at Danbury are suspended – but do contact Andy G0IBN who has on-air practice sessions and via Skype too...

 Follow @TrainWithCARS

April Meeting: 50 Years in the Hobby

For April, we welcomed Don Field G3XTT, Editor of Practical Wireless, who gave us a beautifully illustrated look back over his 50+ years in the hobby – a period of amazing experience and great changes.

Don is a keen HF DXer and contester, and is in the top DXCC rankings. He has also been involved with managing the IOTA Contest and served on various RSGB Committees.

His time in the hobby started as a SWL in 1966 but he began to hear amateurs on 160m and 80m. This prompted him to get his licence in 1968 whilst still in the 6th Form. Indeed he was so keen that he took his Morse test before getting the C&G results.



At university in 1970 contesting such as CQWW caught the interest, and he went on a DXpedition to activate Scottish counties. After university he first job went towards 4m and 2m kit

At home it was pretty basic but in the 1980s he got married , acquired a Jaybeam tribander and a windup mast for some real antenna gain.

As the 1990s arrived he moved from Cambridge to Reading and the first 286PC brought early computer logging and RTTY.

Over time he started to venture around various African locations as part of the Voodoo Contest Group <https://www.voodoocontestgroup.com/> Local and hotels were often very helpful in assisting with erecting antennas for these 'weird' hams.

Don has also taken part in many DXpedition operations further afield including St Kilda, Market Reef, Iceland, Walvis Bay (near Namibia), Spratley Isles etc. Don once gave a talk about his time with Rodriguez Island 3B9C (near Mauritius) to CARS back in May 2005.

Nowadays Don uses an Icom 7610 (the big brother of the 7300), but he started with a Lafayette 340 receiver and eventually a FT101.

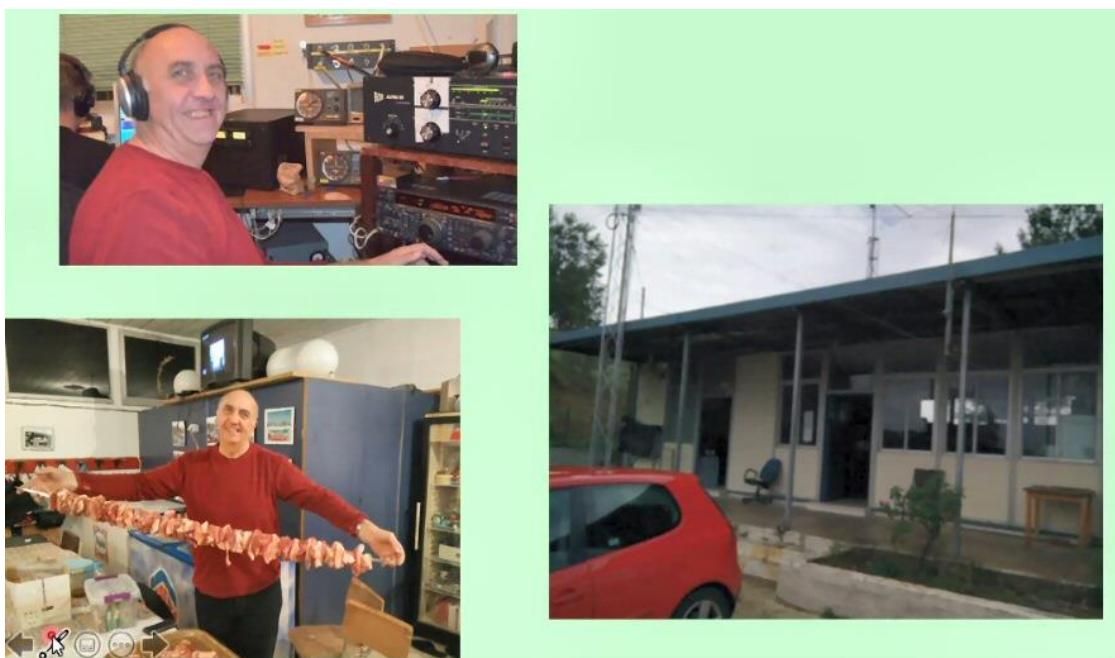
Our thanks to Don for a really great tour of amateur radio



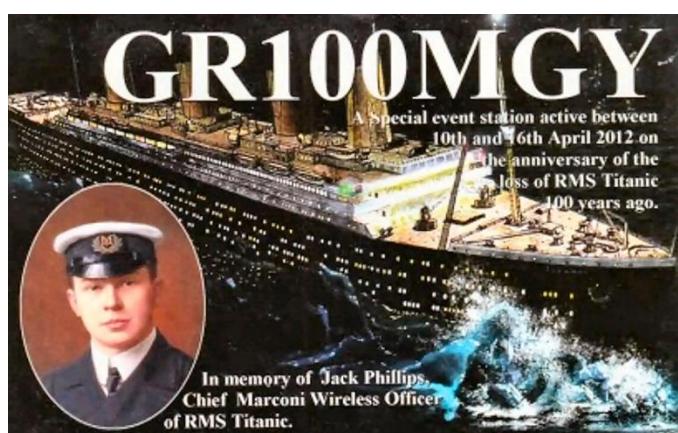
Early Days...



1990s – Computers arrive - TurboLog and RTTY on a 286 PC



Greece – SZ1A in CQWW November 2015



Participation in other Special Events and Locations (2012, 2018)

Forthcoming Talks

Colin G0TRM has been able to arrange some interesting topics and speakers via the CARS Zoom facility, so make sure your diary has these:-

June 8th – “A Guide to EMF”

– John Rogers M0JAV, RSGB

RSGB EMC Chair, John Rogers M0JAV, will explain all about EM-Field exposure and the assessments that amateurs will need to undertake when Ofcom updates licensing conditions in a few weeks time.

- See also rsgb.org/emf and www.ofcom.org.uk/emf



Notes

- The June talk is the second Tuesday of the month. Tue Jun-1 will have a CARS net instead

RSGB UK Amateur Radio Survey

The RSGB is asking all UK radio amateurs and those not yet licensed the following questions:

1. **Strengths** – what are the good things about amateur radio in the UK?
2. **Weakness** – in what ways is amateur radio weak in the UK?
3. **Opportunities** – what trends or changes in the environment could amateur radio in UK take advantage of?
4. **Threats** – what trends or changes in the environment could have a negative impact on amateur radio in UK?

They are looking for answers that address key strategic challenges for UK amateur radio such as its future relevance in a changing world, rather than focusing on localised issues.

The deadline for responses is Sunday, 23 May 2021

- More about the survey: www.rsgb.org/survey
- Online Survey link [Survey on amateur radio](#)

This important exercise is being mirrored by other national societies across IARU Region-1, so please do contribute your thoughts that may contribute to the future of amateur radio.

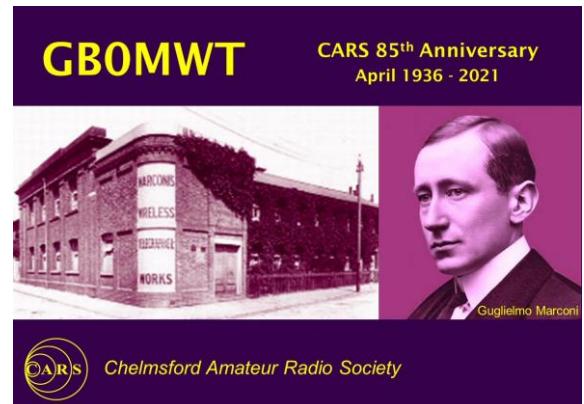
GB0MWT CARS 85th on the Air

April had two key operating events:-

- **GB0MWT** - April marking the 85th anniversary of CARS being formed in 1936
- **GX0MWT** - Saturday 24th April is IMD International Marconi Day

Results for IMD are below

A report after the final outing of GB0MWT will be in the next edition after the final event which is the CARS 2m net on Tuesday 11th May marks the end of the anniversary period.



International Marconi Day 2021

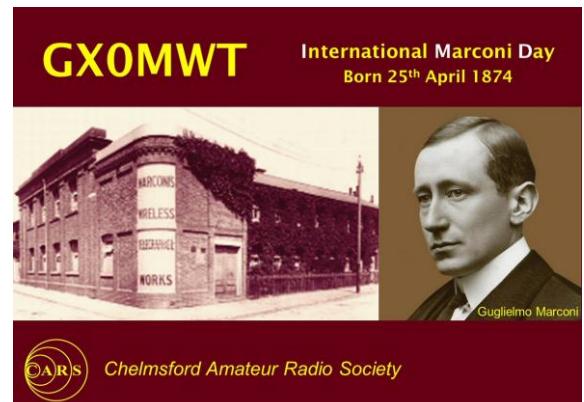
Guglielmo Marconi was born on 25th April 1874. International Marconi Day is celebrated every year on the Saturday closest to his birthday. This year CARS operated one of 41 special event stations on 24/04/21.

Andy G0IBN operating from home, and Paul G4PVM operating from the former Marconi Research Centre (now BAE Systems) at Great Baddow, operated as GX0MWT and worked 197 stations in 31 countries using CW and SSB on bands from 10 to 80m. The majority of contacts were with Europe but several stations from the USA, Canada and Turkey were worked.

We tried for the award for working 15 IMD stations but fell one short. The following stations were worked:-

- | | | |
|-----|--------|--|
| 1) | EI1IMD | Avondhu RC, Crookhaven, County Cork. |
| 2) | EI6YXQ | Marconi Site, Ballybunion, County Kerry. |
| 3) | GB0CMS | Caister Marconi Station, Life Boat Station, Norfolk. |
| 4) | GB0MGY | Harlow Radio Society, Essex. |
| 5) | GB2OWM | Orkney Wireless Museum, Orkney, Scotland. |
| 6) | GB4IMD | Cornwall, UK (Organisers). |
| 7) | GB4MHS | Museum of History & Science, Oxford. |
| 8) | GB5FHC | Fraserburg Heritage Centre, Fraserburg, Scotland. |
| 9) | IY0CG | Castel Gandolfo. |
| 10) | IY1SP | La Spezia – Museo Tecnico Navale. |
| 11) | IY5PIS | Coltano. |
| 12) | K3IMD | Hartstown, Pennsylvania, USA. |
| 13) | KM1CC | Marconi Cape Cod RC, USA. |
| 14) | OE21M | Vienna, Austria. |

We also worked one “unofficial” station VO1MRC, the Marconi Amateur Radio Club in Newfoundland. The one that got away (heard but not worked) HV9SMG (Vatican City), K3SAV (USS Savannah, Baltimore), VP8VPC (Stanley, Falkland Is), WA1WCC (Chatham, MA).



No Marconi in the Daily Mail

The Daily Mail has been running a number of articles marking its 125 year history. John Bowen G8DET has noticed some of these are silent regarding a Marconi Wireless connection:

- Arrest of Dr Crippen – July 1910
- Titanic – April 1912
- Dame Nellie Melba – June 1920

None of the Daily Mail articles mention Marconi. Perhaps there is more history than you think...

<https://www.dailymail.co.uk/news/article-9530925/125-years-Daily-Mail-paper-broke-open-Tutankhamuns-tomb.html>

Contact John G8DET to hear more

June 16, 1920

DAME Nellie Melba, the famous prima donna, sang to the world by wireless telephone last night at the invitation of the Daily Mail.

The concert was given at Chelmsford, and the audience included all 'listeners-in' within a radius of 1,000 miles. The singer's glorious voice was clearly heard in Paris and Berlin and at the Hague, and messages from listeners-in in all parts of England record the success of this unique and wonderful concert.



Outside in the roadway a crowd, silent and eager to hear the great singer, was collected.

'I have enjoyed it most tremendously,' Dame Nellie told the Mail when she had finished.

'It is perfectly marvellous. The microphone seems a very small thing to sing to the world through, and wireless seems to me a sort of wizardry. It was the most wonderful experience of my career.'

Thurrock Raspberry Pi Beginners Group

Over the past few weeks TAARC member, Eddie G0BKL, has been running a Zoom introductory event into Raspberry Pi on a Saturday afternoon. During this time some members have advanced at a quicker rate than others.

Following a recent Raspberry Pi meeting it was suggested to re-structure the group to beginners and advanced.



On Saturday the 8th of May at 18.00hrs is a **Pi Beginners Hobby Group**, which will be designed to be a self-help group where anyone learning the Pi code can seek help when needed. The goal is to run this group for an hour. If attendees need a little extra time then Eddie has indicated he will either stay a little longer or arrange another meeting on Zoom at another time/day.

If you would like to join in, please email ttt@taarc.co.uk by Thursday the 6th of May. We can only accommodate a set number of people and we are giving club members priority. As we will be inviting people outside the club to join this group please don't miss the deadline if you are interested in Raspberry Pi. Please note if you cannot make a Saturday but would like to get involved please let me know.

Nicholas Wilkinson G4HCK, Thurrock Acorns, 07785-391005

Wanted: Volunteers

Following the CARS AGM, we still have important **Vacancies to fill:-**

PR/RadCom, Newsletter Editor, Equipment Manager, Event/Operating roles and other volunteers

Please contact Colin G0TRM or Chair Elliott M0JBY

Copyright – Chelmsford Amateur Radio Society - All contributors acknowledged

Editor: editor@g0mwt.org.uk Newsletter and Archive: <http://www.g0mwt.org.uk/newsletter>